

## Message Text

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ORIGIN COME-00

INFO OCT-01 CIAE-00 DODE-00 EB-07 NRC-05 NSAE-00 USIA-06

TRSE-00 NEA-10 ERDA-05 ISO-00 /034 R

DRAFTED BY OEA/CD:GABAUER:LWH

APPROVED BY EB/ITP/EWT:AREICHENBACH

COMMERCE/OEA - C0CLEMENTS

NEA/ARN:MHMAUGHAN

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R 141822Z APR 76

FM SECSTATE WASHDC

TO AMEMBASSY TEHRAN

USINT BAGHDAD

AMEMBASSY LONDON

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EXCON

E.O. 11652: N/A

TAGS: ESTC, IZ, UK, IR

SUBJECT:AL HAZEN RESEARCH CENTRE, BAGHDAD; MATERIALS AND  
ENERGY RESEARCH CENTRE, ARYMEHR UNIVERSITY OF TECHNOLOGY,  
TEHRAN

REF: OEA/COMPLIANCE DIVISION INVESTIGATIVE CASE 9(76)-5  
(FORMERLY SURVEY CASE 3-198); STATE 81690, 4/5/76 AND  
LONDON 5278 4/6/76 (NOTAL)

BAGHDAD FOR USINT

1. BACKGROUND FOR TEHRAN: U.S. FIRM, HAMCO, ROCHESTER,  
N.Y. APPLIED FOR EXPORT LICENSE TO SHIP STRATEGIC RATED  
AND CONTROLLED EQUIPMENT, VALUE EXCESS 650,000.00 DOLLARS  
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TO SUBJECT BAGHDAD CENTRE. TYPE OF EQUIPMENT INVOLVED

CAN BE USED WITH OTHER RELATED STRATEGIC GOODS IN ASSEMBLING SYSTEMS FOR PRODUCTION AND TESTING INTEGRATED CIRCUITS AND OTHER SEMICONDUCTORS.

2. IN VIEW KNOWN USSR AND OTHER EASTERN EUROPEAN COUNTRIES ACCELERATED EFFORTS OBTAIN SUCH RESTRICTED PRODUCTION AND TESTING EQUIPMENT THROUGH INTERMEDIARY PROCUREMENT CHANNELS IN OTHER AREAS, INCLUDING MIDDLE

EAST, AND DUE TO QUESTIONABLE ASPECTS BAGHDAD TRANSACTION INCLUDING LACK OF IDENTIFIABLE INFORMATION ON AL HAZEN CENTRE, REFERENCE STATE MESSAGE REQUESTED USINT TO CONDUCT APPROPRIATE INQUIRIES TO ESTABLISH BONA FIDES OF THE CENTRE AND PURPORTED END-USE OF EQUIPMENT. END BACKGROUND.

3. HAMCO NOW INTENDING SUBMIT EXPORT LICENSE APPLICATION TO SHIP EQUIPMENT IDENTICAL, IE., CRYSTAL GROWING FURNACES, PRECISION WAFERING MACHINES AND WAFER POLISHERS, TO THAT SHOWN ON ITS LICENSE APPLICATION FOR BAGHDAD, TO SUBJECT TEHRAN RESEARCH CENTRE. ACCORDING TO INCOMPLETE CORRESPONDENCE PRESENTLY AVAILABLE OEA/CD NEGOTIATIONS THIS PROPOSED TRANSACTION APPARENTLY BEGUN JANUARY 1975 REPEAT 1975.

4. UNLIKE BAGHDAD RESEARCH CENTRE ABOUT WHICH DATA NOT HERE AVAILABLE THE TEHRAN CENTRE IS KNOWN AS SUCH. HOWEVER, QUESTION ARISES WHETHER TEHRAN CENTRE PLANNING USE THIS EQUIPMENT FOR RESEARCH PURPOSES. HAMCO IMPLIED IN LETTER TO OEA THAT SILICON SOLAR CELLS WERE TO BE MANUFACTURED. IS RESEARCH CENTRE PLANNING A PRODUCTION LINE?

5. HAMCO CORRESPONDENCE INDICATES THAT A DR. E. A. D. WHITE, IMPERIAL COLLEGE, LONDON, IS A CONSULTANT TO THE TEHRAN CENTRE AND THAT THIS PROPOSED TRANSACTION WAS DISCUSSED BY DR. WHITE WITH KENNETH R. WHITE, HAMCO'S AGENT IN UK, ON FEBRUARY 18, 1975.

6. THE NAMES S. VOJDANI, DIRECTOR OF MATERIALS AND LIMITED OFFICIAL USE

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ENERGY RESEARCH CENTRE AND M. DAMANPOUR, AN ASSOCIATE, APPEAR ON AVAILABLE, RELATED CORRESPONDENCE.

7. EMBASSY, TEHRAN IS REQUESTED TO CONDUCT INQUIRIES TO ESTABLISH VALIDITY OF PROPOSED END-USE IN TEHRAN. POSSIBLY RELEVANT THIS TRANSACTION IS EXPLANATION WHY INTERLUDE OVER ONE YEAR BETWEEN INITIAL INQUIRY AND IMMINENT FINALIZATION OF ORDER. HAS INTEREST THIS MATTER

SHIFTED FROM BAGHDAD TO TEHRAN BECAUSE DELAY BEING  
ENCOUNTERED IN APPROVAL OF LICENSE FOR BAGHDAD?

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8. REFERENCE LONDON MESSAGE APPRECIATED. EMBASSY  
(UNDERWOOD) NOTE THAT KEN WHITE (INTERNATIONAL) LIMITED  
NOT LOCATED LONDON AS STATED IN STATE REFERENCE. ADDRESS  
IS 159 VICTORIA ROAD, SWINDON WILTS SN1 3BU ENGLAND;  
PHONE 0793-6472.

9. REQUEST EMBASSY, LONDON ATTEMPT OBTAIN INFORMATION  
FROM KEN WHITE RE BAGHDAD AND TEHRAN TRANSACTIONS.  
LATTER CASE ALSO CONTACT DR. WHITE, IMPERIAL COLLEGE.

10. SUGGEST POSTS COORDINATE Laterally IF FEASIBLE. KISSINGER

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## Message Attributes

**Automatic Decaptioning:** X  
**Capture Date:** 01 JAN 1994  
**Channel Indicators:** n/a  
**Current Classification:** UNCLASSIFIED  
**Concepts:** RESEARCH, EXPORT LICENSES  
**Control Number:** n/a  
**Copy:** SINGLE  
**Draft Date:** 14 APR 1976  
**Decaption Date:** 01 JAN 1960  
**Decaption Note:**  
**Disposition Action:** RELEASED  
**Disposition Approved on Date:**  
**Disposition Authority:** ElyME  
**Disposition Case Number:** n/a  
**Disposition Comment:** 25 YEAR REVIEW  
**Disposition Date:** 28 MAY 2004  
**Disposition Event:**  
**Disposition History:** n/a  
**Disposition Reason:**  
**Disposition Remarks:**  
**Document Number:** 1976STATE089995  
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**Document Unique ID:** 00  
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**Errors:** N/A  
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**Original Handling Restrictions:** n/a  
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**Reference:** n/a  
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**Review Authority:** ElyME  
**Review Comment:** n/a  
**Review Content Flags:**  
**Review Date:** 12 MAY 2004  
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**Secure:** OPEN  
**Status:** NATIVE  
**Subject:** L HAZEN RESEARCH CENTRE, BAGHDAD; MATERIALS AND ENERGY RESEARCH CENTRE, ARYMEHR UNIVERSITY OF TECHNOLOGY  
**TAGS:** ESTC, IZ, UK, IR  
**To:** TEHRAN LONDON  
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